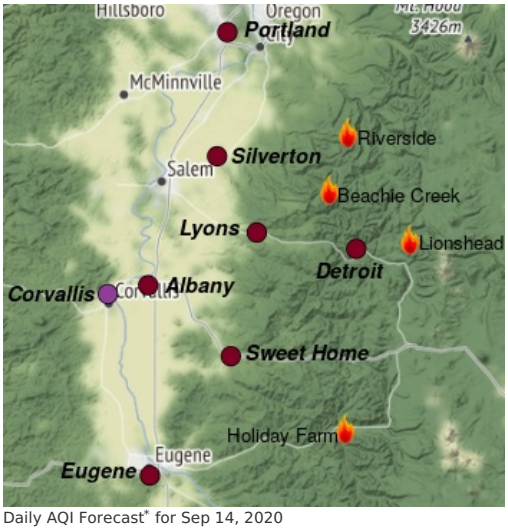
Smoke Outlook for 9/14 - 9/15
NW Oregon Willamette Valley
Issued at: 2020-09-14 07:31 PDT

Special Statement
Oregon Department of Environmental Quality has extended the AIR QUALITY ADVISORY for the entire State of Oregon due to smoke levels that are fluctuating between unhealthy for sensitive groups and hazardous.

Fire
Fire crews took advantage of the smoke blanket and cooler temperatures this weekend. Fire growth and activity on large fires remain limited compared to the wind events of last week. Holiday Farm continues to burn internally through a dense understory. Beachie Creek and Lionshead have merged, and both still have pockets of unburned fuel along the northern edge where there is minimal safe access. Riverside is the most active of the large fires, continuing to make small runs internally as it aligns with rugged terrain and light winds. These cooler temperatures and high nighttime humidities will continue to moderate activity today.

Smoke
This morning the smoke layer will be joined by a dense band of fog pushing inland. This window of reduced visibility should improve by afternoon as the fog breaks up. Unfortunately, the area concentrations of smoke will linger until later in the week when the next chance of wind and moisture arrives. Gradual improvement of dense concentrations throughout the day, moving from hazardous to very unhealthy for a few hours. Smoke will pool back into the valley in the evenings under the inversion.

Health
If you are experiencing health effects from smoke, you are encouraged to follow the "Actions to Protect Yourself" listed below. Additional recommendations can be found on the Oregon Smoke Blog Stay safe and check current air quality conditions at Smoke and Fire Map



Daily AQI Forecast* for Sep 14, 2020

Station	Yesterday hourly (6a noon 6p)	Sun 9/13	Forecast* Comment for Today -- Mon, Sep 14	Mon 9/14	Tue 9/15
Portland		Hazardous	V.Unhealthy conditions near the gorge, Hazardous in the metro area	Hazardous	Very Unhealthy
Silverton		Hazardous	Heavy smoke in the AM, light relief late afternoon, pooling in PM	Hazardous	Very Unhealthy
Lyons	No hourly data	No data	Heavy smoke in the AM, light relief late afternoon, pooling in PM	Hazardous	Hazardous
Albany		Hazardous	Heavy smoke in the AM, light relief late afternoon, pooling in PM	Hazardous	Hazardous
Corvallis		Hazardous	Heavy smoke in the AM, light relief late afternoon, pooling in PM	Very Unhealthy	Very Unhealthy
Sweet Home		Hazardous	Heavy smoke conditions all day	Hazardous	Hazardous
Eugene		Hazardous	Heavy smoke in the AM, light relief late afternoon, pooling in PM	Hazardous	Very Unhealthy
Cottage Grove		Hazardous	Heavy smoke in the AM, light relief late afternoon, pooling in PM	Hazardous	Hazardous
Oakridge		Hazardous	Heavy smoke conditions all day	Hazardous	Very Unhealthy
Detroit	No hourly data	No data	Heavy smoke conditions all day	Hazardous	Hazardous

Issued 2020-09-14 07:31 PDT by Jen Croft- jennifer.croft@usda.gov

Air Quality Index (AQI)	Actions to Protect Yourself
Good	None
Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
USG	People within Sensitive Groups* should **reduce** prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should **avoid all** physical outdoor activity.
Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
Hazardous	Everyone should avoid any outdoor activity.

***Disclaimer:** This forecast is based on fine particulates only; ozone is not included. Forecasts may be wrong; use at own risk. Use caution as conditions can change quickly. See your health professional as needed. Smoke sensitive groups should take appropriate precautions.

Additional Links
JSTAR Mapper-Carbon Monoxide Levels -- https://www.star.nesdis.noaa.gov/jpss/mapper/#zoom=6/date=20200911/lat=45.5474/lon=-115.4379/tcon=true/granon=false/bordon=true/view=asc/l1on=true/satval1=S5P/sensval1=TROPOMI%20products/prodval1=tr_co/levval1=null/op1=1/l2on=true/satval2=SNPP/sensval2=Land/prodval2=frp/levval2=null/op2=1/l3on=false/satval3=SNPP/sensval3=Land/prodva

Issued by USFS Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net
NW Oregon Current Outlook -- tools.airfire.org/outlooks/nworegon
*Smoke and Health Info -- www.airnow.gov/index.cfm?action=smoke.index